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<p>(21) International Application Number: PCT/US95/10918 (22) International Filing Date: 23 August 1995 (23.08.95) (30) Priority Data: 294,522 23 August 1994 (23.08.94) US 470,868 6 June 1995 (06.06.95) US (71) Applicant: MILLENTUM PHARMACEUTICALS, INC. [US/US]; 5th floor, 640 Memorial Drive, Cambridge, MA 02139 (US). (72) Inventor: TARTAGLIA, Louis, A.; 87 Spruce Street, Water- town, MA 02172 (US). (74) Agents: CORUZZI, Laura, A. et al.; Pennie & Edmonds, 1155 Avenue of the Americas, New York, NY 10036 (US).</p>		<p>(81) Designated States: AU, CA, JP, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.</p>

(54) Title: COMPOSITIONS AND METHODS FOR THE TREATMENT OF BODY WEIGHT DISORDERS, INCLUDING OBESITY

(57) Abstract

The present invention relates to methods and compositions for the treatment of body weight disorders, including, but not limited to, obesity. Specifically, the present invention identifies and describes genes which are differentially expressed in body weight disorder states, relative to their expression in normal, or non-body weight disorder states, and/or in response to manipulations relevant to appetite and/or weight regulation. Further, the present invention identifies and describes genes via the ability of their gene products to interact with gene products involved in body weight disorders and/or appetite and/or body weight regulation. Still further, the present invention provides methods for the identification and therapeutic use of compounds as treatments of body weight disorders. Additionally, the present invention describes methods for the diagnostic evaluation and prognosis of various body weight disorders, and for the identification of subjects exhibiting a predisposition to such conditions.

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